

HIGH-TEMPERATURE

VENTILAZIONE/CALOR

Corrugated heat-resistant ventilation hose for 120 C continuous operation



VENTILAZIONE/CALOR is a corrugated, heat-resistant ventilation hose for hot-air, smoke, chemical vapours and engine exhaust. TPE construction with embedded steel spiral provides high flexibility, kink resistance and collapse resistance under moderate vacuum levels. Typically used in extraction systems, engine ventilation, chemical vapor extraction and industrial hot-air distributions up to 120 C continuous.

Media: Gas, Dust

Temp: -40 °C to 120 °C

✓ Cut to length

APPLICATIONS

- Hot-air and smoke extraction from industrial processes
- Engine ventilation and exhaust system connection
- Foundry and smelting plant smoke extraction
- Chemical vapor and solvent extraction
- Hot-air distribution in industrial HVAC
- Injection moulding and plastics processing ventilation

Technical specifications

Material	Thermoplastic elastomer (TPE) outer wall and inner lining
Colour	black
Wall construction	Corrugated outer wall, smooth inner, embedded steel spiral
Spiral material	Staal
Conveying media	Gas, Dust
Temperature range	-40 °C – 120 °C
Short-term peak	145 °C
Cut to length	Yes
Manufacturer SKU	4512

Standards and compliance

en-iso-1307, REACH, RoHS

Dimensions and ordering

The hose is supplied in 13 standard sizes from inner Ø 51.0 mm to 203.0 mm. Each size has its own article number. Standard roll length is typically 10 m, and the hose can be cut to length.

Inner Ø [mm]	Outer Ø [mm]	Vacuum axial [bar]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Roll [m]	Article no.
51	57	0.22	50	20	0.22	20	4512050000
60	68	0.18	60	20	0.25	20	4512060000
70	78	0.15	70	20	0.34	20	4512070000
76	84	0.11	75	20	0.37	20	4512075000
80	88	0.11	80	20	0.39	20	4512080000
90	99	0.11	90	20	0.44	20	4512090000
102	110	0.1	100	15	0.49	15	4512100000
110	118	0.1	110	15	0.53	15	4512110000
127	135	0.09	127	15	0.7	15	4512125000
140	148	0.09	140	15	0.76	15	4512140000
152	160	0.07	152	15	0.83	15	4512150000
160	168	0.07	160	15	0.88	15	4512160000
203	211	0.06	203	15	1.23	15	4512200000

Fields without a value (—) are not specified in the manufacturer's factsheet. Overpressure and underpressure values are recommended operating limits; the product can be subjected to higher loads on request. Bend radius is measured along the inside of the hose bend.

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Contact and advisory

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